

Receiving Report

Date: 11/4/00

Batch No: 1117483

Supplier: THYSSEN K

Dart P/O: 13724

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No N/A
 Shipment Complete: Yes No N/A
 QC6 Inspection:
 Work Order: 81104/25 N/A
 N/A
 N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin:

Date: 11/4/00

Location:

Received/Costing:

Initial: BL

DAN

47

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

No: PEC 707132
Ship Date 19Apr11 at 14:32 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhicle ²⁰ Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-316221- 1 Your PO # 13724
STAINLESS STEEL FLAT BAR 17-4 HRAP
1.25" X 2.00" X 144.0000"

Heat Number Tag No Quantity PCS Wt LBS
252544 186302 36 FT 3 332

MTR
TOTAL: Tags PCS LBS
1 3 332

*****ADD ON TO 316219/315952 SUR-CHARGE PAID*****

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL G.W. 334 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

** WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 1 Last

John Bell

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

John Bell

20 May 2011

DATE

Acciaierie Valbruna s.p.A.



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Cient

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

46801 FORT WAYNE, IN 46801-4000

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Item/Usine produtrice

Oggetto Prove: Descaled COND. A Hotrolled
Prüfgegenstand/Item Inspected/Finissage

Specifiche:
Anforderungen / Requirements / Exigences

VSI 2 630 A
AMS 5643 R S17400 A
ASTM A564 2010 S17400 A

(0) SEC. II PT.A 2010 EDITION

Qualità: 630

Werkstoff/Grade/Alliance

Marca: V 174

Markenbezeichnung/Brand/Nuance

Pos. nr. Pos. nr. Nr. de poste	Objetto Gegenstand Produit description Descrip. du produit	Dimensioni - In Abmessungen Dimension Dimension	Tolleranza Toleranz Allowance Tolerance	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pieces	Peso - LB Gewicht Weight Poids	Lotto nr. Loenr. Lot nr.
0010	Flat	2,0000 x 1,2500	484-09	144 / 156	252544		2.189	120600840

AISI 630
ASME SA564 2010 S17400 A (0)

AMS 2303 E
ASTM A370 2010

S. Moebes

Punzonatura: 630
Kennzeichnung/Marking/Marque

TEST ALLO STATO DI FORNITURA									
Test on delivery condition			Prüfung auf lieferbereitem produkt			test a fálat de fourniture			Prueba sobre el material así como entregado
TEST	Provetta/Probstab Specimen/Échantillon Bretiglio/Specie Bretiglio, Diam. Dicke Width, diam. thickness Larg. diam. épaisse mm	°F Posiz. Saggio Position Location Emplacement 1)	Snergamento Streckgrenze Yield Stress Limite élastique	Snergamento Streckgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Yield Strength Resistance à traction	Allungamento Bruchdehnung Elongation Allongement	Strizione Einschneidung Reduction of area Serraton	Resilienza Kerbholzbarkeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max								363
A									347

TEST				min	max	
A	Delta Ferrite			5,0	1,0 %	
A	Grain size for ASTM E112				5	
A	RATINGS FREQUENCY			1,10	0,10	
A	RATINGS SEVERITY			1,05	0,05	

Sample cond. H900									
Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique	Temperatura Wärme Temperatur Temperature Temperature	Raffreddamento Abkühlung Cooler Refroidissement	Permanenza Halbwärme Permanence Maintenance	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique	Temperatura Wärme Temperatur Temperature Temperature	Raffreddamento Abkühlung Cooler Refroidissement	Permanenza Halbwärme Permanence Maintenance	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique	Temperatura Wärme Temperatur Temperature Temperature
Aging	900 °F	AIR	60'						
TEST	Provetta/Probstab Specimen/Échantillon Bretiglio/Specie Bretiglio, Diam. Dicke Width, diam. thickness Larg. diam. épaisse mm	°F Posiz. Saggio Position Location Emplacement 1)	Snergamento Streckgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Yield Strength Resistance à traction	Allungamento Bruchdehnung Elongation Allongement	Strizione Einschneidung Reduction of area Serraton	Resilienza Kerbholzbarkeit Impact Value Resilience	Durezza Härte Hardness Dureté HB	
Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max	170	-	190	-	10	-	40	-
B	12,5	68	L	185	201	16	57		388 444 433

1) L=longitudinale/längs, T=transversale/quer, Q=Tangenziale/tangential

Mechanical properties according to ASTM A370.
Delta Ferrite according to AMS 2315.

Vicenza, 23/02/11

VC0008

(Mod. MCER)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine

M. Rizzotto

Pagina - 1 di 2

Acciaierie Valbruna S.p.A.



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.

Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client

VALBRUNA STAINLESS INC.

2400 TAYLOR STREET WEST

46801-FORT WAYNE, IN 46801-US

Produttore: ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Item/Usine productrice

Oggetto Prove: Descaled COND. A Hotrolled
Prüfgegenstand/Item Inspected/Finissage

Avviso di Spedizione: D-VI11006291
Referenzzeige/Packing list/B.L.

Ordine nr: 28309 STOCK CAROL STR
Bestell/Your order/Commande

Tipo di Elaborazione: E+AOD
Erhitzungsart/Melting process/Mode d' élaboration

CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2005), 3.1

Certificato nr: MEST019401/2011/
Prüfung/Test/Essai

Conferma ordine nr: EI10008033

Werks/Our Order/Ref nr.

Marchio di Fabbrica:

Zulizen des Lieferwerkes

Trade mark

Signature de l' usine productrice



Purzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Pointon de l' assaillant

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max 0,070	1,00	1,00	15,00 17,00	- 0,50	3,00 5,00	3,00 5,00	-	0,150 0,350	- 0,040	- 0,030	0,050	5°C 0,350	- -	- -
252544	C % 0,035	Si % 0,45	Mn % 0,45	Cr % 15,32	Mo % 0,19	Cu % 3,20	Ni % 4,60	Co % 0,050	Nb+Ta 0,251	P % 0,028	S % 0,001	N % 0,036	Cb-Nb 0,250	Ta % 0,001	

Annealing temperature 1904 deg. F for 1 H , air
cool to below 90F.

Micro and macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Material is DFARS Compliant

ALLEGATI Anlagen Enclosure P.i. :

UT11001539

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind lt. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériau a été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verunreinigungsprüfung: spectralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimélange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional check: satisfactory
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1,s.,4.3 by TUEV and LLOYD'S S.
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.
The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 23/02/11

VC0008

(Mod. MCER)

Il collaudatore di stabilimento / der Werkssachverständige / Works Inspector / L' agent d' usine

M. Rizzotto

Pagina - 2 di 2



**Acciaierie
Valbrunas.p.A.**

36100 VICENZA (Italia) - Viale della Scienza, 25 z.I.

CERTIFICATO Certificate - Zeugnis - Certificat N° UT11001539

CONTROLLO CON ULTRASUONI

Ultrasonic testing - Ultraschallprüfung - Contrôle par ultrasons

mod. UT02

Secondo : PROC CND 009

According to - Nach - Selon

Cliente : VALBRUNA STAINLESS INC.

Customer - Besteller - Client

Lotto nr : 120600840

Mill order - Uns.Aufr. - A/R

MARCA Grade Qualität Nuance	DIMENSIONI Size Abmessungen Dimensions		COLATA Heat Schmelze Coulée	BARRE Bars Stäbe Barres	PESO Weight Gewicht Poids	LUNGHEZZA Length Länge Longueur	TOLLERANZA Tolerance Toleranz Tolerance				
V174	Flat 2,0000 x 1,2500 - In		252544		LB : 2.189						
	T. TERMICO H.Treatment Wärmebehandlung T.Termitique		ESECUZIONE Condition Ausführung Execution	Condizioni Superficiali Surface Oberfläche Surface Conditions			TOLLERANZA Tolerance Toleranz Tolerance				
	COND. A		Hotrolled	Descaled			Tol. ASTM A484				
	SONDE Probes Prüfkopfe Palpeurs	TIPO ONDA Type of wave Wellenart Type d'onde	MHZ MHz MHz	DIMENSIONI Dimension Abmessungen Dimensions	ANGOLO Angle Winkel Angle	1	2	3	4	5	6
	SEB4	LONGITUDINAL	4	E-R6X20	0°						

APPARECCHIO : KARL DEUTSCH 1055B

Equipment - Gerät - Appareil

ACCOPIANTE : Couplant - Koppelmittel - Couplage	WATER + COUPLANT 333 NDT		
VEL. CONTROLLO : Scanning rate - Prüfgeschwindigkeit - Vitesse d'essai	100 mm/sec		
RUGOSITÀ : Roughness - Rauhigkeit - Rugosité			
COEFFICIENTE ATTENUAZIONE : Attenuation - Schallschwachungskoeff. - Coefficient d'atténuation			
METODO Method Verfahren Methode	DAC-DAK-CAD <input checked="" type="checkbox"/>	ECO DI FONDO Back reflect - Rückwandecho - Echo du fond	
	FBH-KSR-FFP <input checked="" type="checkbox"/> 1,5 MM	INTAGLIO V V-notch - V-Kerbe - Entaille V	
	AVG-DGS	INTAGLIO U U-notch - U-Kerbe - Entaille U	

CONTROLLO AUTOMATICO Automating scanning - Automatische Prüfung - Contrôle automatique	CONTROLLO MANUALE Manual scanning - Manuelle Prüfung - Contrôle manuel <input checked="" type="checkbox"/>
RISULTATO DEL CONTROLLO : Examination result - Ergebnis der Prüfung - Résultat d'essai	

MATERIAL ACCORDING TO SPECIFICATION ASTM A 388/API 6A PSL3

ISPEZIONATO DA Inspected by	VERIFICATO DA Verified by G.Simonato LEVEL II UNI EN 473 N. 57.	RESPONSABILE PND NDT manager - Verantwortl.ZFP - Responsabile END	COLLAUDATORE Inspector - Abnahmesachsverst - Inspecteur
FIRMA DATA : 22/02/11 Date - Date	FIRMA 	FIRMA	

Copper & Brass Sales

Customer: TKM/NH
Customer PO: PEC-229196
Qty: 2 Weight: 240.12-20074
Ship/Delv #: BT
By: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13724

Purchase Order Date 3/28/2011

PO Print Date 3/31/2011

Page Number 2 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62
ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8
OR AMS 4160 OR ASTM B211 OR
ASTM B221

5	M174B1.250X02.000	17-4 SS Bar 1.250 x 2.00	4/11/2011	✓ 36.00 Yours ppd	\$31.8778	\$1,147.60
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Yes f

Special Inst: MATERIAL: 17-4 PH SS BAR AS PER
AMS 5604/5643
GRAIN MUST BE ALONG LENGTH
OF BAR
MINIMUM YIELD TENSILE
STRENGTH = 100 KSI ✓
MINIMUM ULTIMATE
TENSILE STRENGTH = 150 KSI ✓

PO Total:

\$3,333.82

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 3

Change Date: 3/31/2011

Purchase Order Receipt Listing

Page 1 of 1

Wednesday, April 20, 2011 3:36:40 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO13724 Receipt Dates from 4/20/2011 to 4/20/2011 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID